MULTIMEDIA UNIVERSITY®

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2016 / 2017

PCA0074 - COMPUTER APPLICATIONS IN BUSINESS

(Foundation in Management)

26 MAY 2017
3.00 p.m. – 5.00 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 3 pages with 5 Questions only.

2. Attempt **ALL** questions. All questions carry equal marks and the distribution of the marks for each question is given.

3. Write your answers in the Answer Booklet.

QUESTION 1 [20 Marks]

a. What is digital literacy and why is it important?

(2 marks)

b. Computers play a major role in organisations, including communications, data storage and data analysis. Describe **THREE (3)** types of computers used in organisations.

(9 marks)

c. Processor chips for laptops, desktops and servers can generate quite a bit of heat, which could cause the chip to malfunction or fail. Although the power supply on some computers has a main fan that can generate air flow, today's processors often require additional cooling. Explain briefly the **THREE (3)** cooling methods that can be used by personal computers.

(6 marks)

d. Many new computers and devices are using touch as primary method of input. Newer operating systems are optimizing their user interfaces for touch input. List **THREE (3)** devices that uses touch input.

(3 marks)

QUESTION 2 [20 Marks]

a. What is an all-in-one printer? Who uses this printer and why?

(5 marks)

b. List at least **THREE (3)** reasons why home and business users choose cloud computing.

(6 marks)

c. The operating systems on mobile devices and many consumer electronics is called mobile operating system. Explain the **THREE (3)** widely used Mobile Operating Systems.

(6 marks)

d. Name any **THREE (3)** types of productivity software.

(3 marks)

Continued...

QUESTION 3 [20 Marks]

a. Olivia is planning to use a free online software to create a website. Before she can create a website, she needs to understand the basic terminologies about website development. Assist her by explaining the following terms.
   i. Webpage
   ii. Homepage
   iii. Website
   iv. Web server
   v. Web browser

(10 marks)

b. THE STAR online (http://www.thestar.com.my/) is an online news website. Discuss whether this is a static or dynamic website.

(3 marks)

c. Explain the purpose of a browser and name any **THREE (3)** popular browsers for personal computers and mobile devices.

(5 marks)

d. List **TWO (2)** safe browsing techniques.

(2 marks)

QUESTION 4 [20 Marks]

a. Patrick is currently a student at the Faculty of Arts. He is currently doing a research on graphics. Assist him with the following questions:
   i. What is bitmap and vector image?
   ii. What are uses of bitmap images?
   iii. What are the characteristics of vector graphic?

(10 marks)

b. Give **TWO (2)** examples of software needed to create vector and bitmap images.

(4 marks)

c. Discuss what Interactive Multimedia is and give **THREE (3)** examples how interactive multimedia can be implemented in business.

(6 marks)

Continued...

QUESTION 5 [20 Marks]

a. What is the purpose of a license agreement? Explain the **TWO (2)** types of license agreement.

(6 marks)

b. Briefly explain **FIVE (5)** different practices to adopt in order to protect your computer from viruses and other malware.

(10 marks)

c. What is the difference between code of conduct and green computing?

(4 marks)

End Of Paper